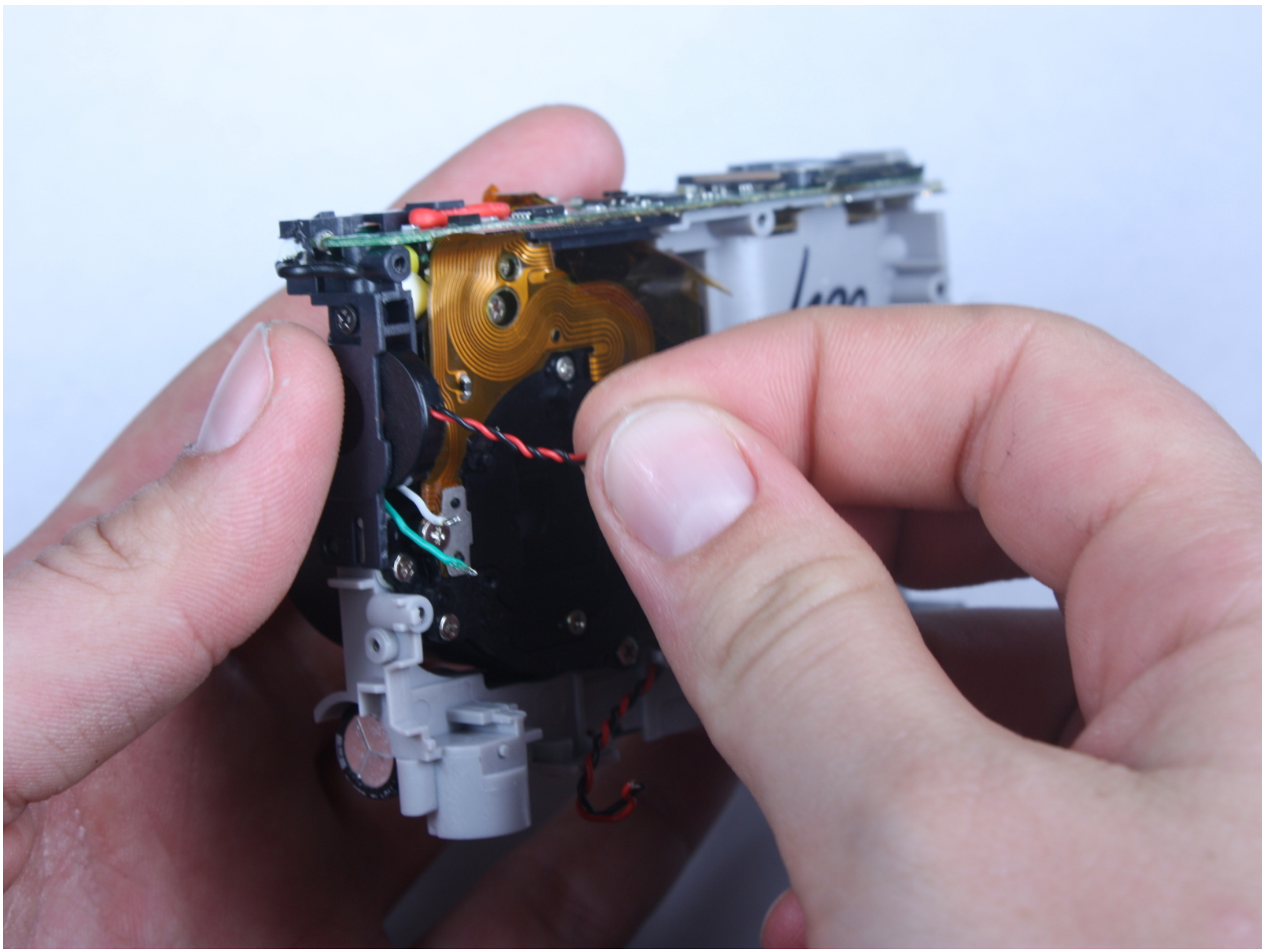
Easyshare C813 Speaker Replacement

Replace the Speaker in your Kodak Easyshare C813.

Written By: Samantha Murray



INTRODUCTION

This guide demonstrates how to replace the camera's speaker.

TOOLS:

- Anti-Static Wrist Strap (1)
- Desoldering Braid (1)
- Phillips #00 Screwdriver (1)
- Soldering Workstation (1)
- Tweezers (1)
- iFixit Opening Tools (1)

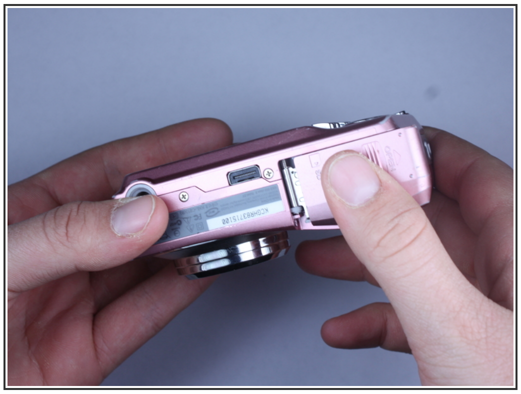
Step 1 — Battery

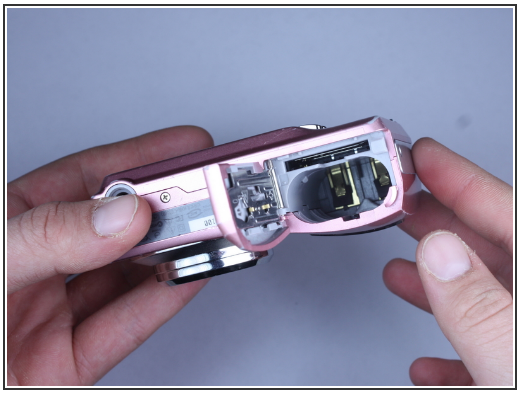


- Turn off camera by firmly pressing the power button that is located on the top of the camera near the selector dial.

Step 2







- Press thumb firmly on battery door and slide it in the direction of the arrow.
- Lift thumb allowing the door to swing open.

Step 3 — Back Cover



- Before removing back cover, it is advisable to use an anti-static wrist strap to prevent damage to electronics.

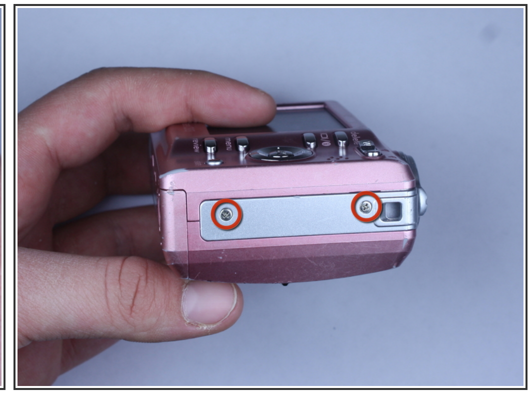
Step 4



- Turn the camera off by firmly pressing the power button located on top of the camera.

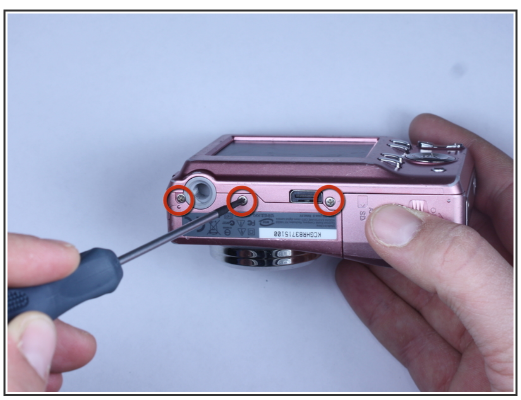
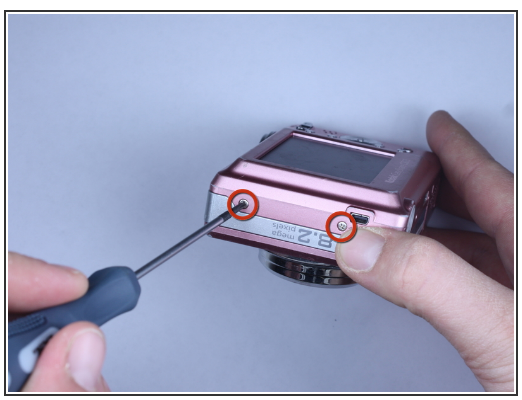
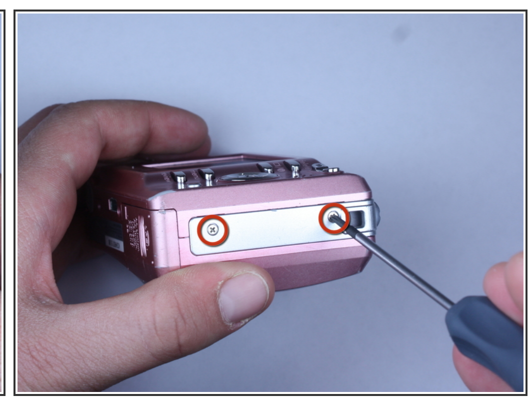
Step 5





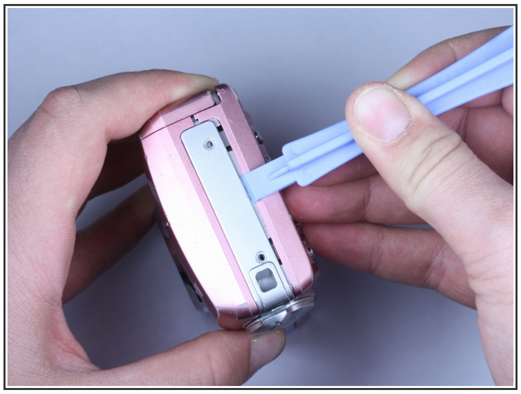
- Locate the 7 screws holding the back cover on.
  - Three screws are located on the bottom of the camera.
  - Two screws are located on the side shown in the photograph.
  - Two final screws are located on the opposite side shown in the photograph.

Step 6

- Remove all 7 screws:
  - Hold the camera firmly with one hand so that you can still see a screw.
  - Place the Philips 00(Found here)screwdriver into the screw.
  - Turn the screwdriver to the left until it is free.
  - Repeat for the remaining screws.

Step 7

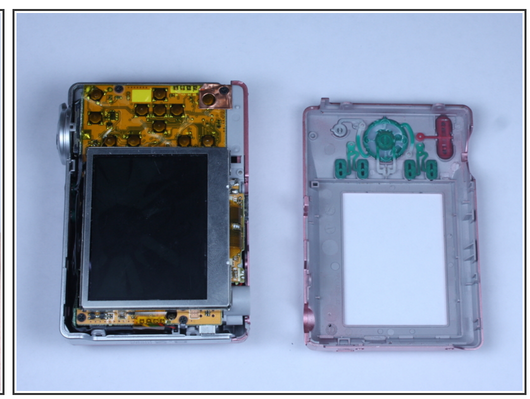




- Use plastic opening tools to slightly open the side of the case.
- Insert a plastic opening tool and apply pressure to the internal three tabs at the top.
  - The first two are near the words "3X Optical Zoom".
  - The third is near the shutter button.

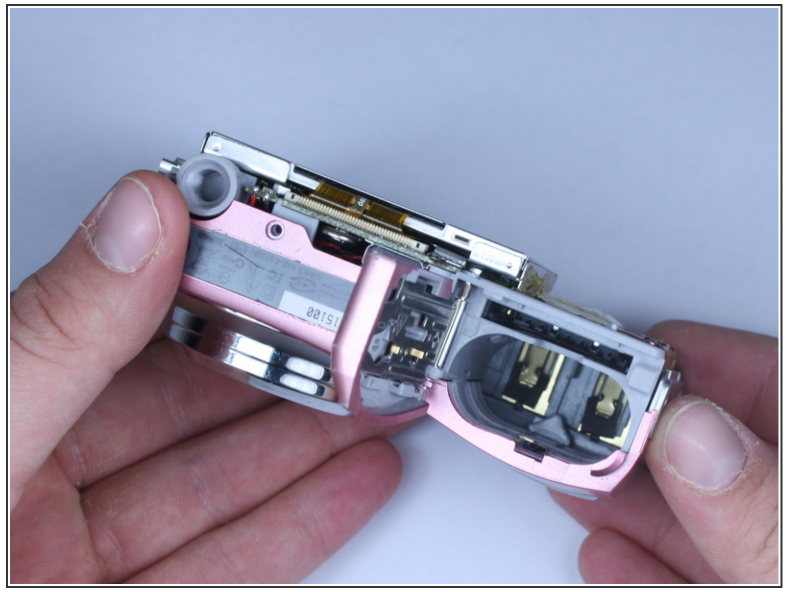
Step 8





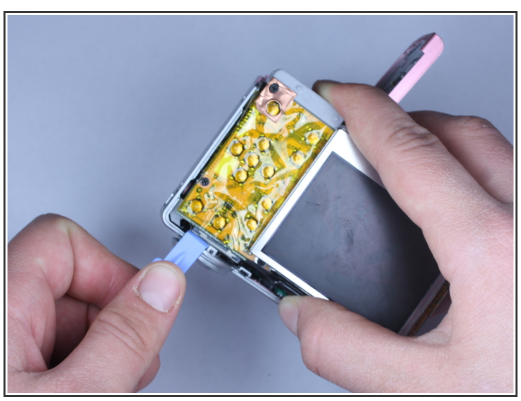
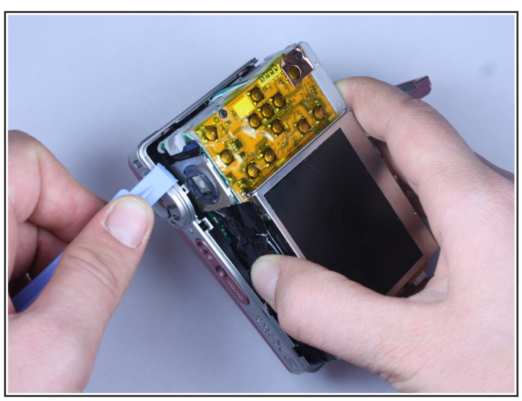
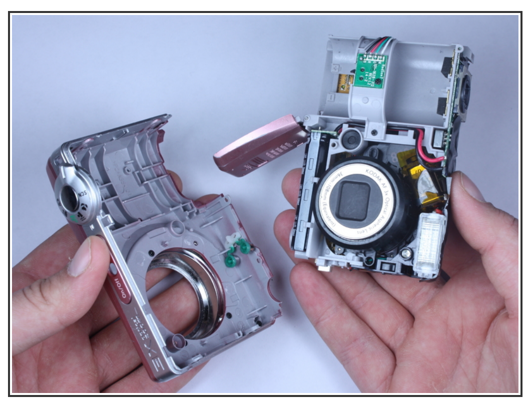
- Gently pull apart the back cover from the rest of the camera.
  - Make sure there are no more screws or tabs keeping the cover on.
  - Use the plastic opening tool to separate any sides still closely connected.

Step 9 — Front Cover

- Open the battery door.
  - Press thumb firmly on battery door and slide it in the direction of the arrow.
  - Lift thumb allowing the door to swing open.

Step 10

- Use the plastic opening tool to lift the casing around the shutter button.
- Gently remove the front cover from the device.

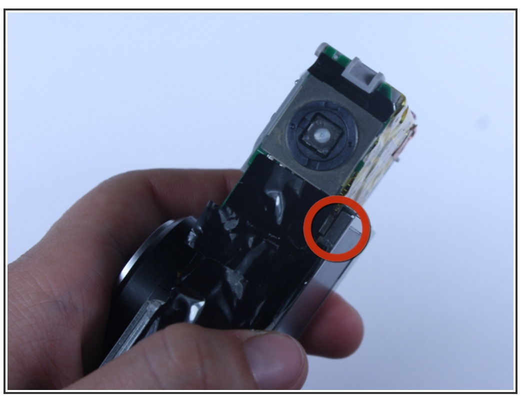
Step 11

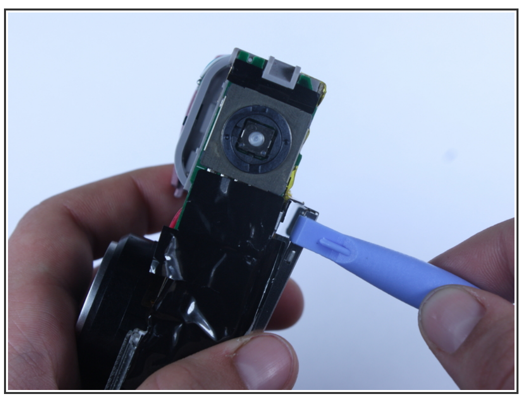


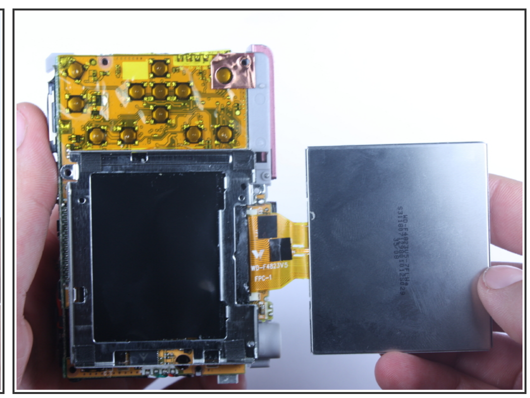
⚠ Do not touch the terminals shown in the photo. These link to the capacitor which could shock you if not discharged.

- To discharge the capacitor follow this guide.

Step 12 — LCD





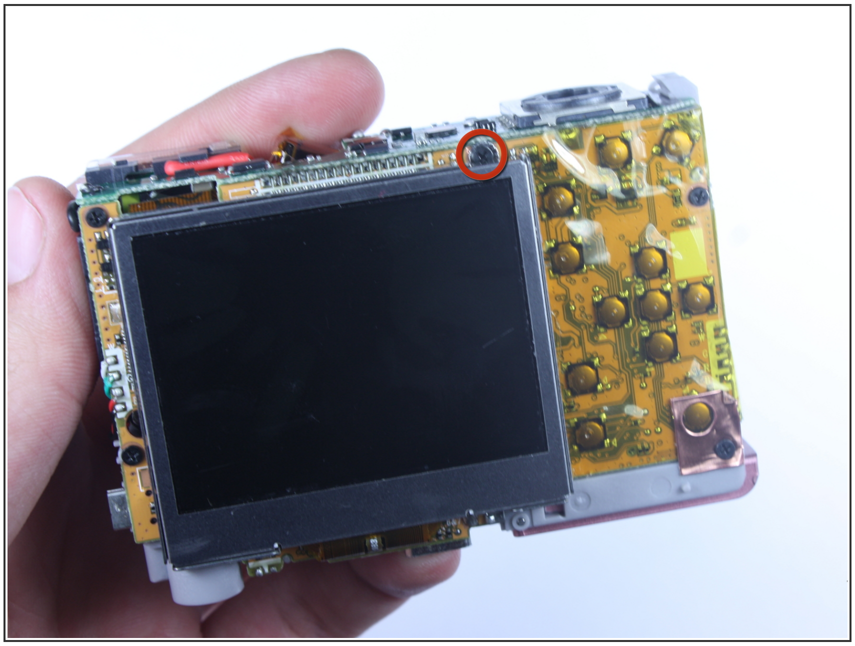


ⓘ Once the front cover is removed, the battery door maybe closed for convenience.

- Locate the exposed portion of the LCD screen.
- Use a wedge to free the LCD screen from the medal housing.

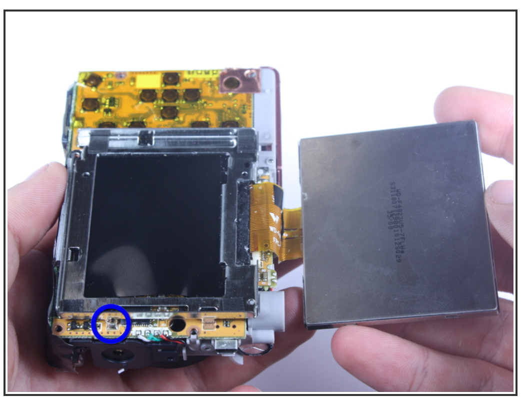
⚠ Do not pull the screen away completely, it is still attached to the logic board via the yellow cable.

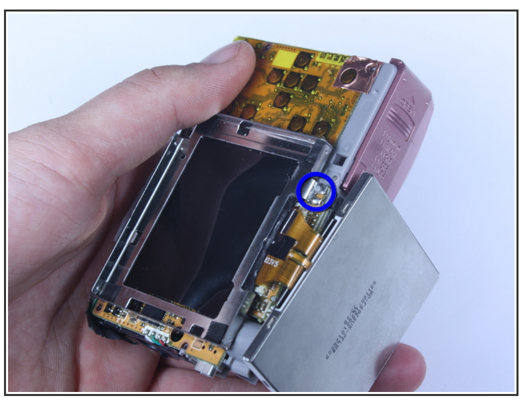
Step 13

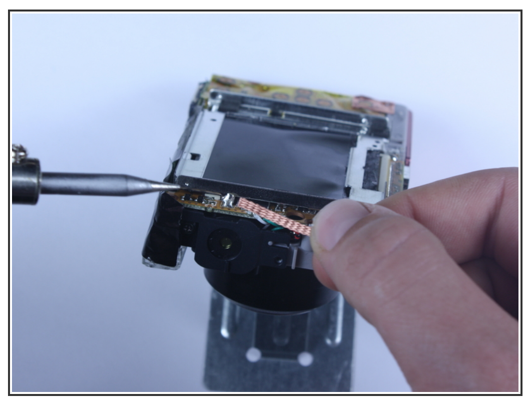


- Remove the screw at the upper right corner of the metal housing.

Step 14



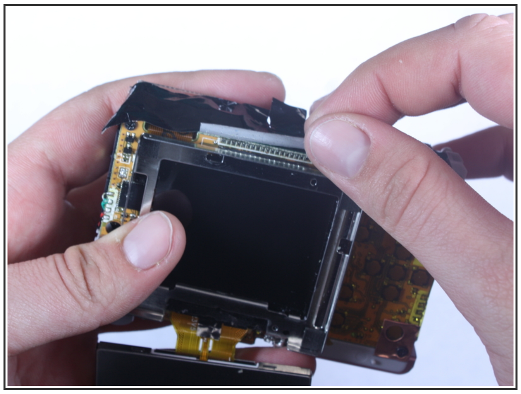


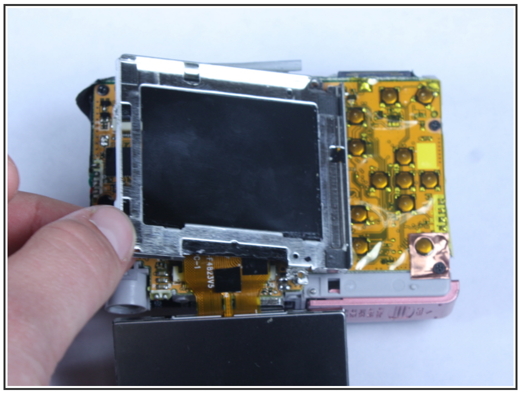


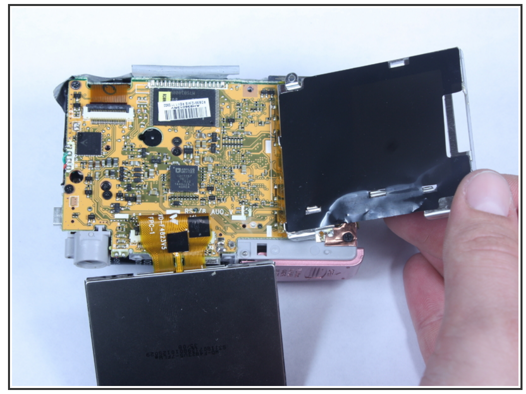
- Locate the 2 solder joints holding down the medal housing.
- Remove the solder.
  - Place wick on solder.
  - Place solder iron on wick

ⓘ The wick should be sandwiched between the iron and the solder.

Step 15

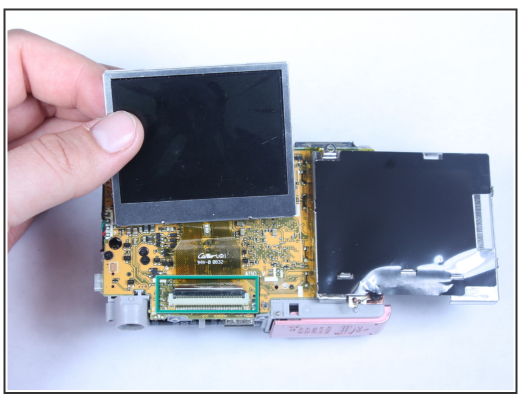


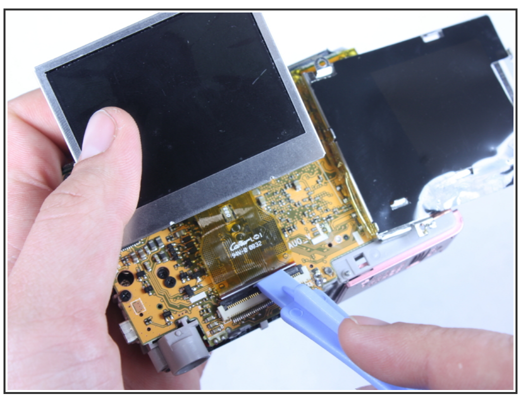


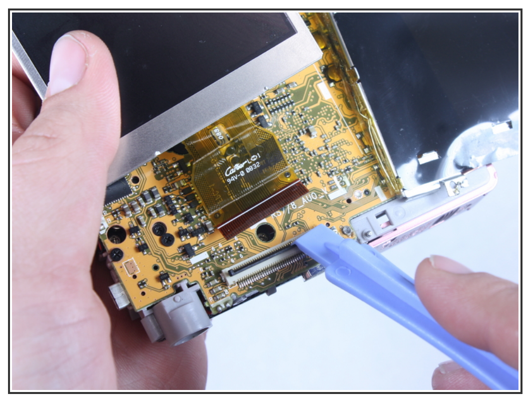


- Peel back the black tape from the metal housing.
- Lift the metal housing from the left so that it hinges on its right side.
  - ⓘ The metal housing is still loosely attached on its right side.

Step 16

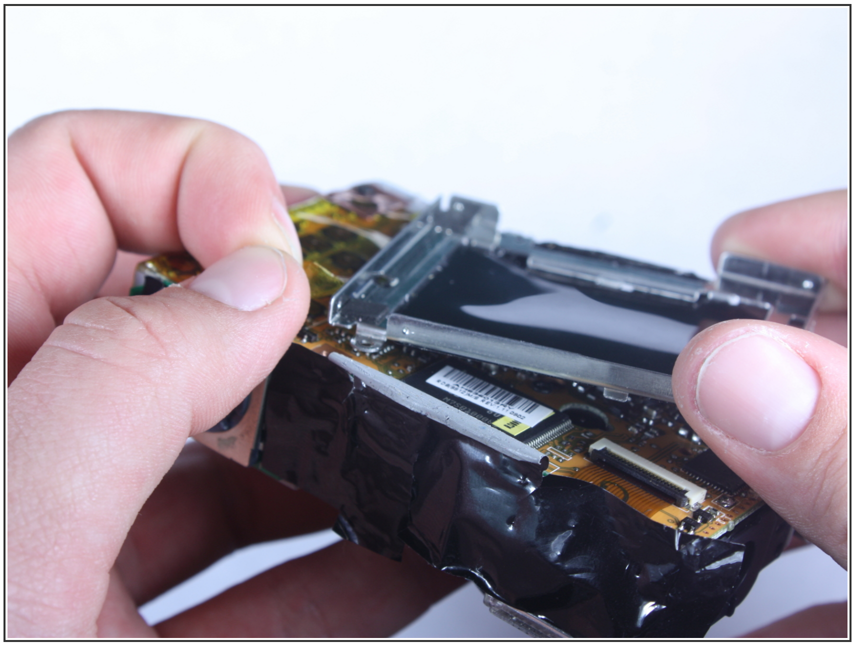






- Locate black tab holding the LCD screen connector in the port.
- Use wedge or fingernail to lift the black tab.
- Pull the the LCD screen connector out of the port.

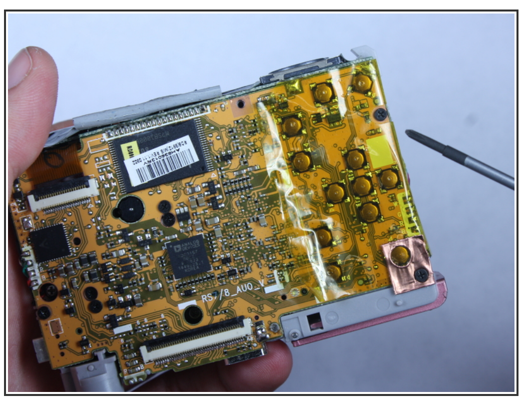
Step 17 — Logic Board



- Remove the medal housing from the logic board by carefully peeling the yellow tape off of the metal housing.

Step 18



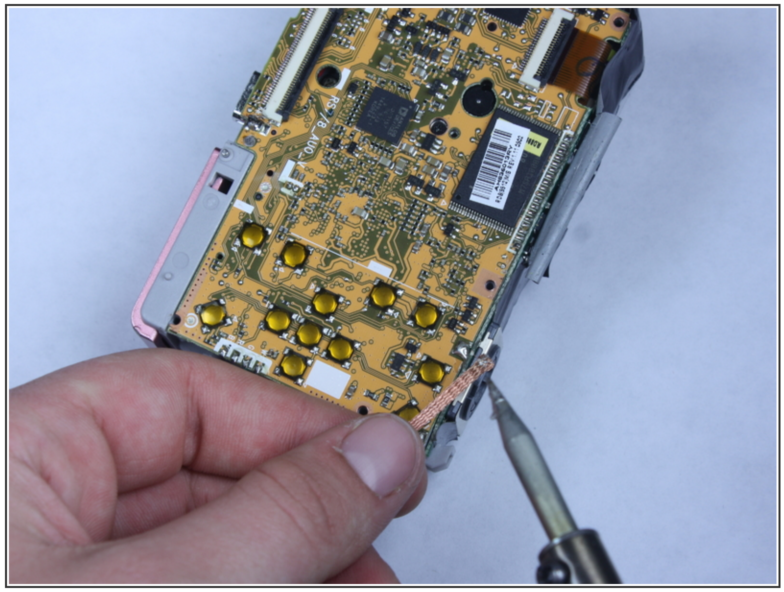




- Locate the 2 screws on the yellow tape.
- Remove the 2 screws.
- Remove the yellow tape.

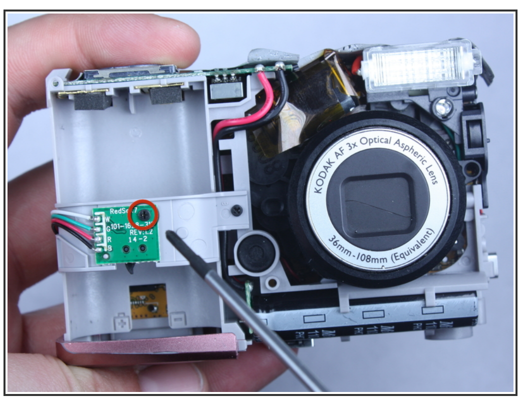
Step 19

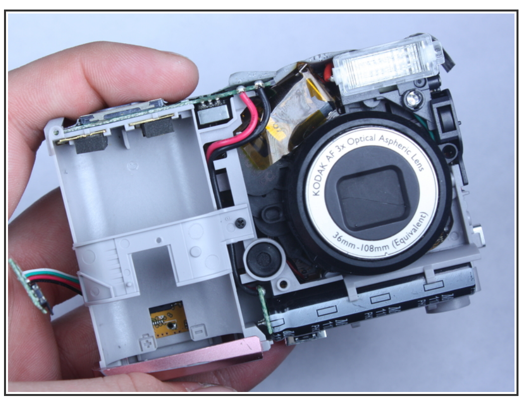


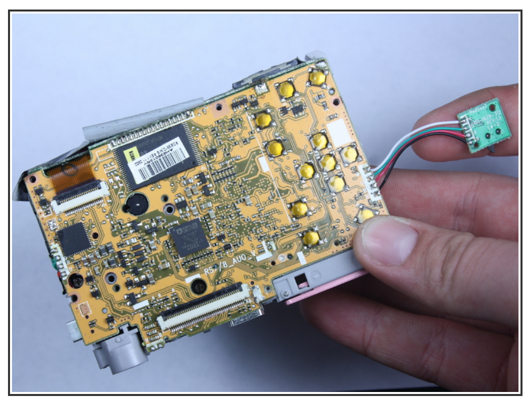


- Locate the 2 solder joints near the shutter button.
- Remove the solder on both joints with the wick and soldering iron in the same manner as Step 11.

Step 20



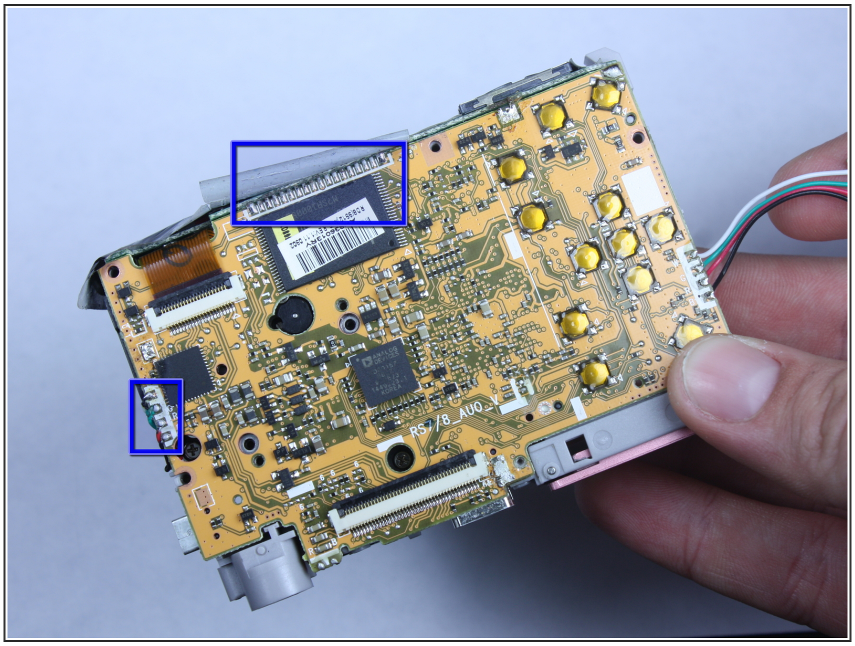




- Turn the camera over.
- Remove the screw holding the small green board.
- Lift the small green board.

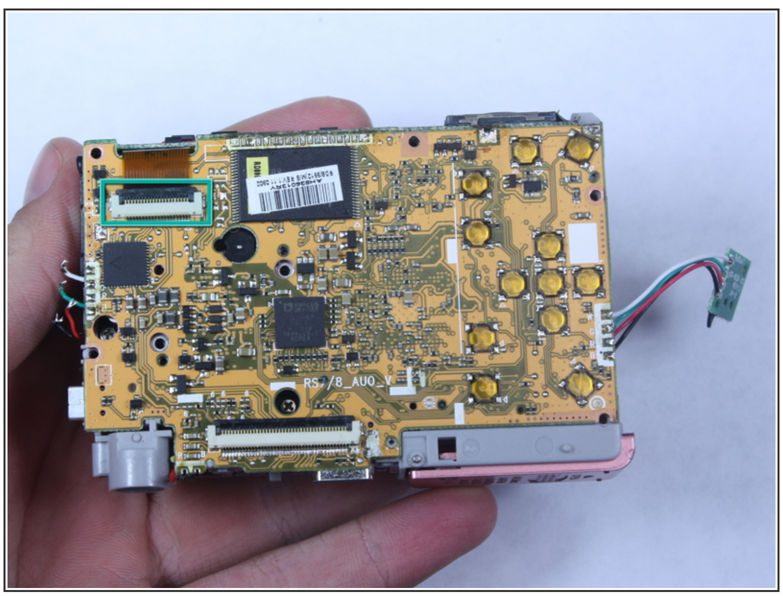
⚠ The small green board is still attached to the logic board via wires.

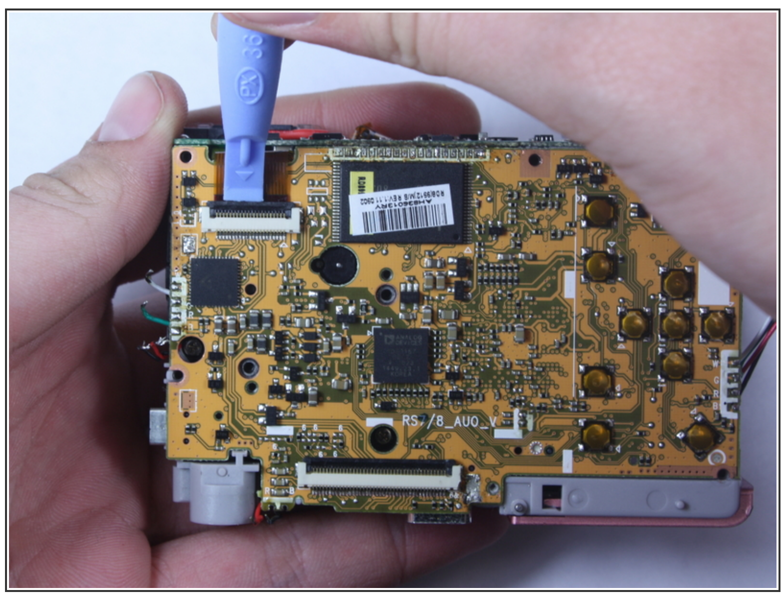
Step 21



- Desolder the remaining 20 solder joints connecting the logic board to the camera.

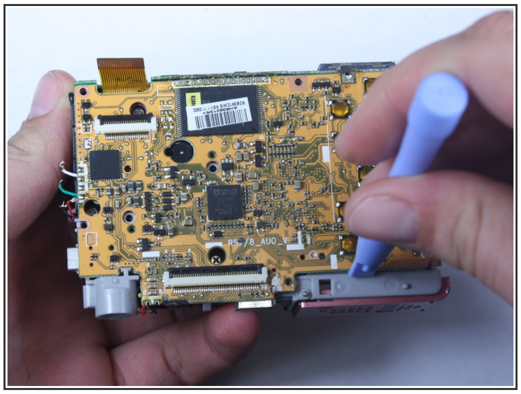
Step 22

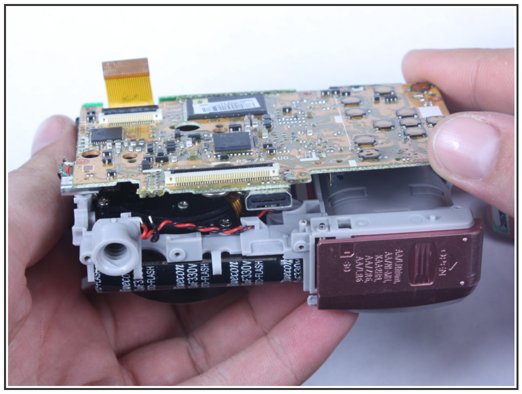


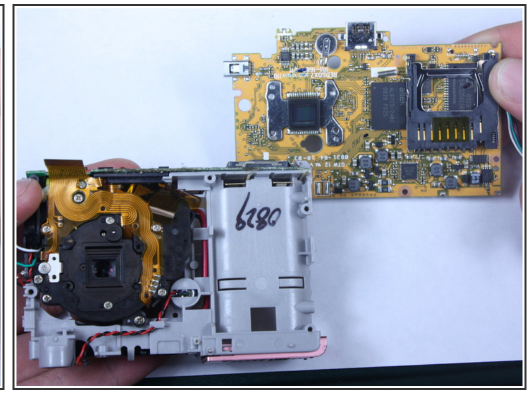


- Locate the black tab holding the yellow cable in place.
- Use a plastic opening tool or fingernail to lift the black tab.
- Pull the yellow cable from the port.

Step 23

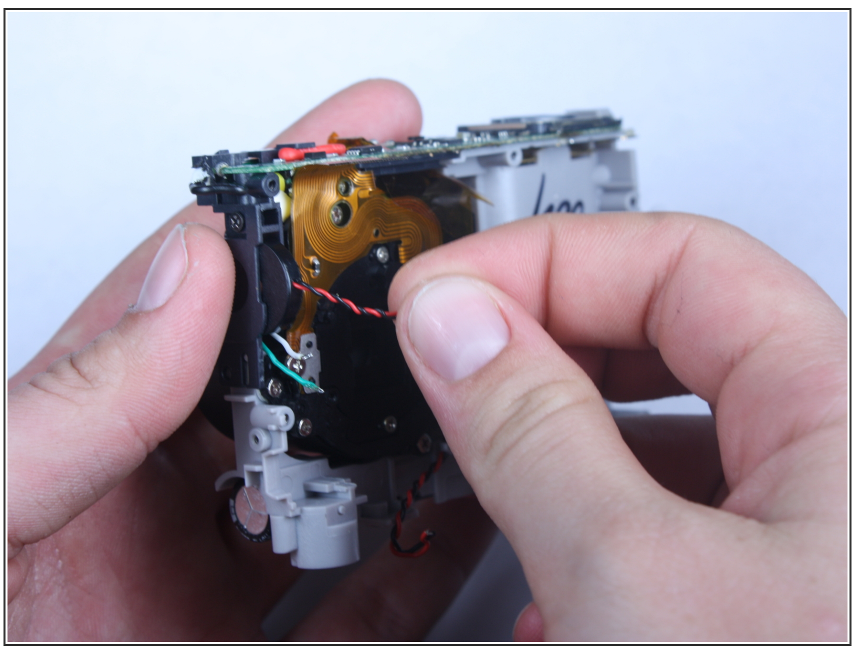






- Use a plastic opening tool to lift the board from the camera.
- Continue to remove the board completely.

Step 24 — Speaker



- Carefully pull the red and black wires located on the side of the camera connected to the speaker.

To reassemble your device, follow these instructions in reverse order.

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